

**FIG. 2**  
PRIOR ART

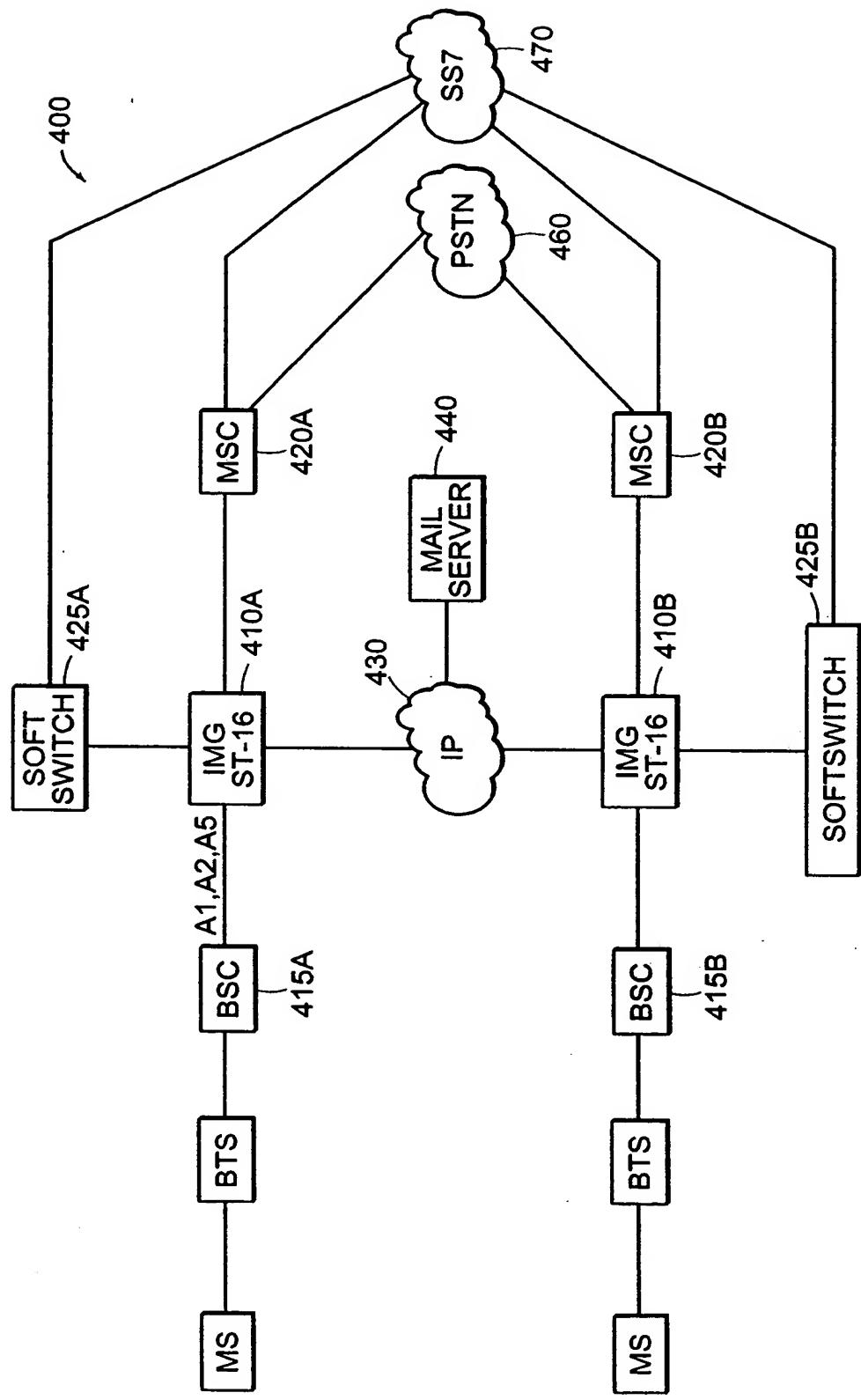


FIG. 3A

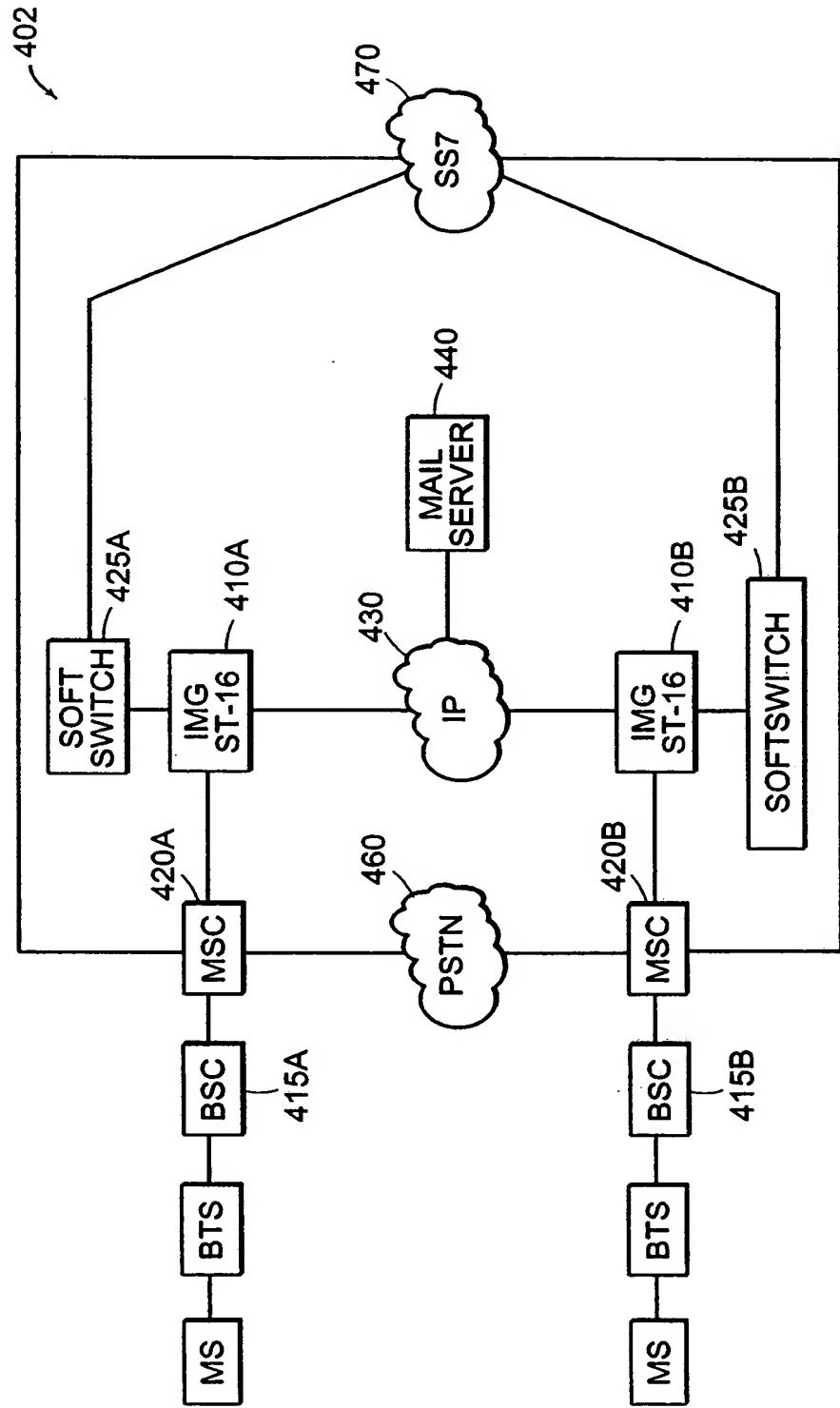


FIG. 3B

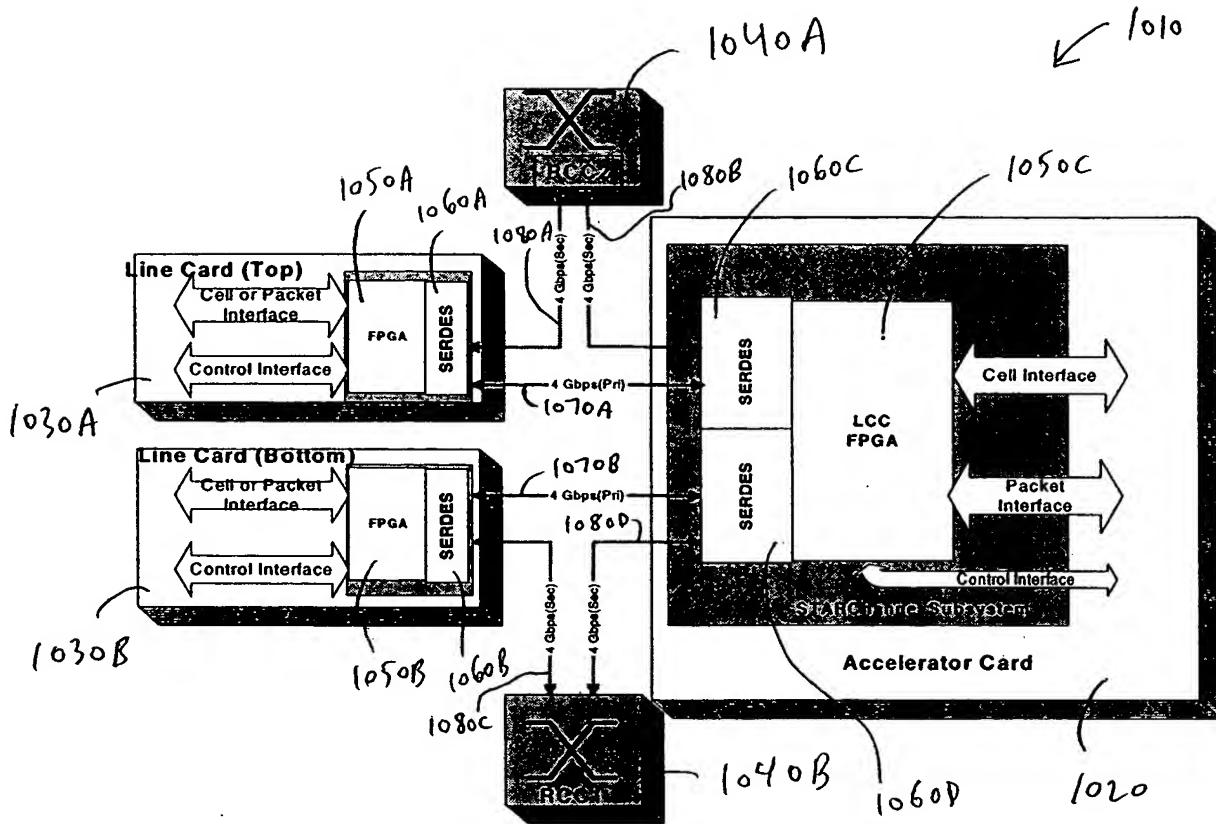


FIG. 4

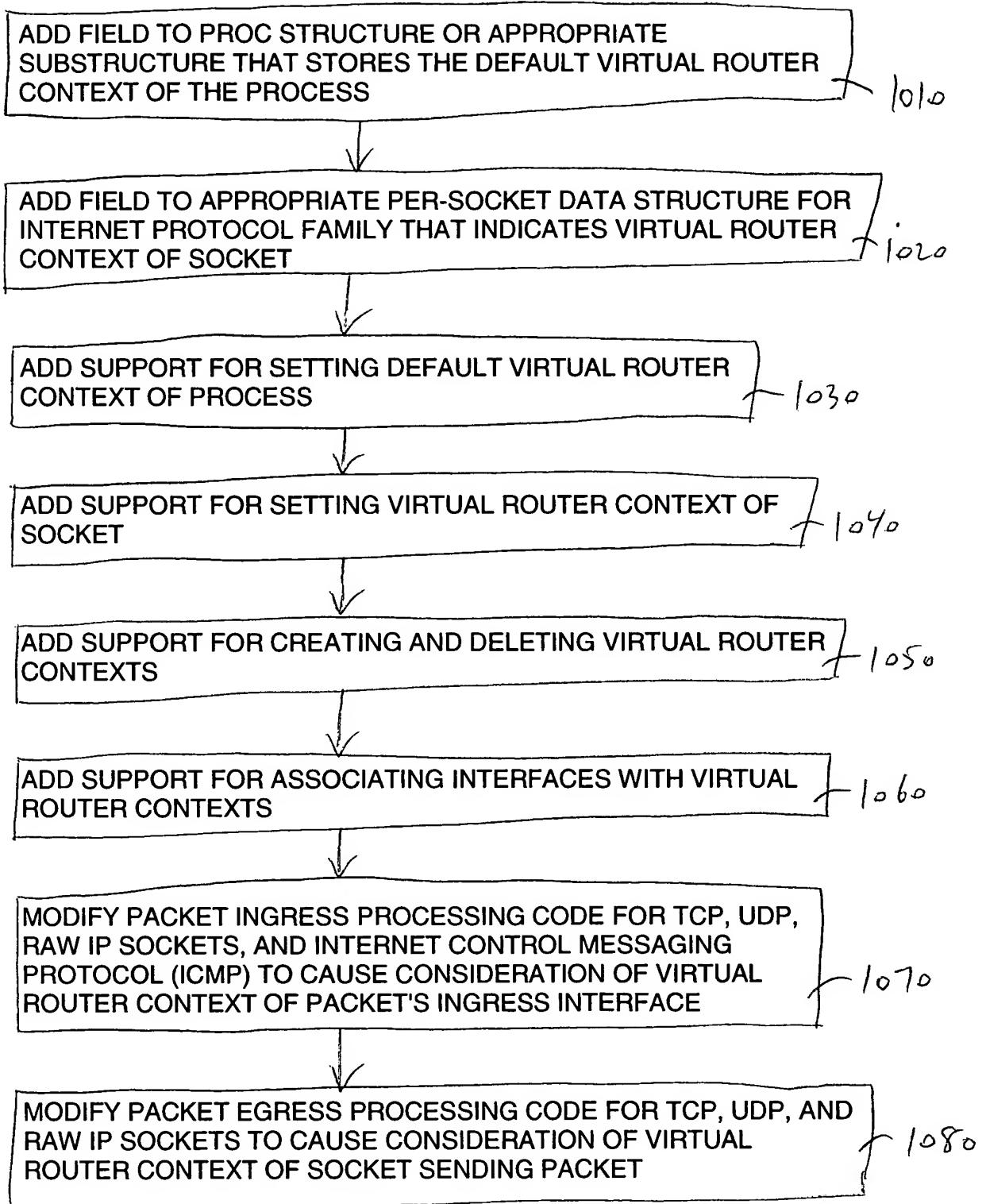


FIG. 5

ADD EXTENSION TO ALLOW DESIGNATING WHETHER OR NOT PARTICULAR INTERFACE IS LEAD INTERFACE FOR DISTRIBUTED HOST

2010

MODIFY TCP AND UDP INGRESS CODE TO AVOID MAKING RESPONSE TO PACKETS ARRIVING FOR PORT THAT IS NOT LOCALLY BOUND

2020

MODIFY ICMP INGRESS CODE SUCH THAT, FOR ANY ICMP PACKET THAT IS CORRELATED WITH SPECIFIC PORT OR FLOW, THAT PACKET IS IGNORED UNLESS THAT PORT IS BOUND OR THAT FLOW EXISTS LOCALLY AND SUCH THAT, FOR ANY ICMP PACKET THAT IS GLOBAL TO HOST, ONLY HOST'S LEAD INTERFACE PROCESSES PACKET

2030

MODIFY ARP CODE SUCH THAT NON-LEAD INTERFACES DO NOT RESPOND TO ARP REQUESTS

2040

ADD CODE TO INGRESS PATH TO SUPPORT FORWARDING/BRIDGING FOR OPERATION WITHOUT NP SUBSYSTEM

2050

FIG. 6